



Certificate of Analysis

Biogenica Labs • Analytical Services Division
ISO/IEC 17025-aligned testing • GMP-grade analysis

Accession Number	Client	Sample Code	Received Date	Reported Date
AC-MTC0002-2604	Amino Club	AM-MTC0002	2026-04-05	2026-04-12

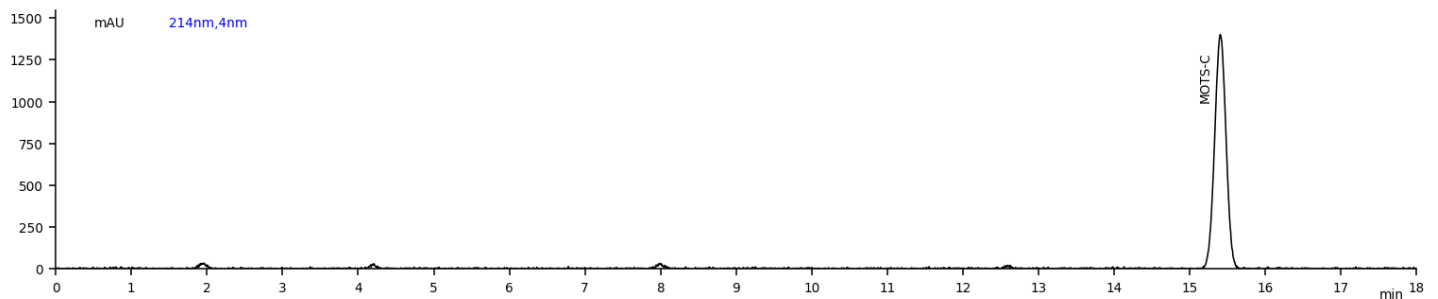
Product	MOTS-C	Lot Number	MTC0002
Variant	40MG	Net Peptide Content	41.62 mg
Label Strength	40 mg	Purity (HPLC)	99.823%
Identity Confirmation	Conforms (MS)	Appearance	White lyophilized powder
Molecular Formula	C100H152N28O22S2	Molecular Weight	2174.51 g/mol
CAS Number	1627580-64-6	Test Article State	Lyophilized solid

ANALYTICAL METHODS • RP-HPLC (214 nm) | LC-MS (ESI+) | Appearance / Solubility

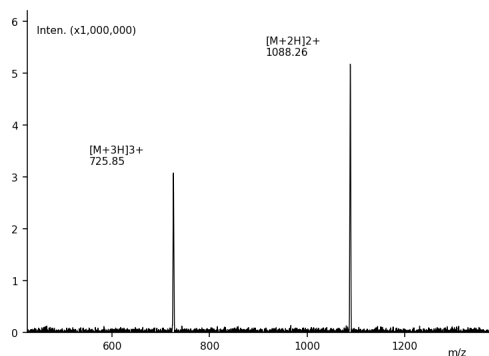
Mass Identification

Theoretical [M]	Observed [M+2H] ²⁺	Observed [M+3H] ³⁺	Result
2174.51 Da	1088.26 m/z	725.85 m/z	Conforms

HPLC Chromatogram — Purity 99.823%



Mass Spectrum (LC-MS, ESI+)



Released by Biogenica Labs

Tested and approved in accordance with internal quality control procedures.
Date of Release: April 12, 2026

COA No.
BG-MTC0002-2604

Document Revision: 01
Issued: 04/12/2026 • Expires: 04/12/2028

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